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09/833,431	04/12/2001	Kristin S. Meyer	13DV13933	5279

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EXAMINER

SHIN, KYUNG H

ART UNIT PAPER NUMBER

2143

DATE MAILED: 11/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/833,431	Applicant(s) MEYER ET AL.	
	Examiner Kyung H. Shin	Art Unit 2143	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 September 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. This action is responding to application papers dated 9/6/2005.
2. Claims 1 - 20 are pending. Claims 1, 4, 11, 14 have been amended. Independent claims are 1, 11, 20.

Response to Arguments

3. Applicant's arguments filed 9/6/05 have been fully considered but they are not persuasive.

Response to Remarks

- 3.1 Applicant argues that the referenced prior art does not disclose for claims 1, 11, 20 “ ... means for detecting addition of a module to the portal by a user and means for detecting removal of a module from the portal by a user ... ” (see Remarks Page 7, Lines 19-21) ; “ ... detecting addition or removal of a module from the portal by a user ... ” (see Remarks Page 8, Lines 18-19) ; (see Remarks Page 9, Lines 19-20)

The Schultz (6,453,339) and Flinn (6,795,826) prior art combination discloses the capability for the addition or removal of a portal module by a user. (see Flinn col. 13, lines 2-7; col. 3, lines 38-41: portal, module technology ; col. 13, lines 27-37: user (i.e. client) capability to add (i.e. create) or delete (i.e. remove) a module)

3.2 Applicant argues that the referenced prior art does not disclose “... *storing and retrieving information relating to the number of modules added or removed* ...” (see Remarks Page 10, Lines 3-4)

The Schultz (6,453,339) and Flinn (6,795,826) prior art combination discloses the client experience manager, which has the capability to track user access (i.e. store and retrieve) information concerning user transactions (i.e. transaction log, access, addition, deletion). (see Flinn col. 8, lines 16-22; col. 8, lines 23-28: transaction log, maintained for user access, information storage and retrieval, actions (i.e. add, delete) cascaded (i.e. information forwarded, enable detection) throughout content network)

3.3 The Schultz (6,453,339), Flinn (6,795,826), Pasquali (6,272,493), and Beck (6,381,640) references are prior art analogous to applicant invention utilizing Internet/Intranet portal (i.e. information delivery) technology. (see Schulz col. 1, lines 46-51; col. 3, lines 34-37; see Flinn col. 13, lines 2-7; see Pasquali col. 3, lines 59-64; see Beck col. 15, lines 35-38; col. 18, lines 24-27: portal, module technology) Therefore, the rejection of claims 1-20 is proper and maintained herein.

Claim Rejections -35 USC § 103

The text of Title 35, U.S. Code not included in this action can be found in a prior Office action.

4. Claims 1, 4-9, 11, 14-17, 19, 20 are rejected under 35 U.S.C. 103(a) as being

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unpatentable over **Schultz et al.** (US Patent No. 6,453,339) and in view of **Flinn et al.** (US Patent No. 6,795,826).

Regarding Claim 1 (Currently Amended), Schultz discloses a system for tracking and displaying module usage in a portal for a computer network, the system comprising:

- a) a server computer having a memory device; (see Schultz col. 2, lines 57-61: server system with storage or memory device)
- b) a client computer being connected to the server computer; (see Schultz col. 2, lines 63-65: data entry device or client system)
- f) a database stored in the memory device of the server computer, the database storing the collected information for each module of the plurality of modules; (see Schultz col. 1, lines 56-63; col. 9, lines 15-20: repository or database for information storage)
- g) means for retrieving information for a particular module from the database on a request from a user; (see Schultz col. 3, lines 30-34: user interface to select information) and
- h) means for displaying the retrieved information to a user on a client computer. (see Schultz col. 2, lines 57-61: display information using data entry device or client user interface)

Schultz discloses a portal stored in the memory device of the server computer and accessible by a user from a client computer, the portal comprising a plurality of modules. (see Schultz col. 1, lines 48-51: present a plurality of information sources ;

col. 3, lines 19-23: information organized into channels) Schultz does not specifically disclose modules customizable (i.e. addition) by a specific user (i.e. client). However, Flinn discloses:

c) means for modules customizable by each user to include modules selected by a user; (see Flinn col. 13, lines 27-39: user capability for addition of portal module)

d) means for monitoring selection of a module by a user on a client computer, wherein the means for monitoring further comprises means for detecting addition of a module to the portal by a user and means for detecting removal of a module from the portal by a user; (see Flinn col. 13, lines 2-7; col. 3, lines 38-41: portal, module technology ; col. 8, lines 23-28; col. 13, lines 62-64; col. 14, lines 9-11: content (i.e. module) usage monitored and tracked ; col. 13, lines 27-39: user capability for addition/removal of portal module, actions (i.e. addition, deletion) cascaded (i.e. information forwarded, enable detection) throughout content network ; col. 8, lines 16-22: transaction log tracks (i.e. storage, retrieval) module information)

e) means for collecting information on a user selecting a module of the plurality of modules; (see Flinn col. 3, lines 38-41; col. 8, lines 23-28; col. 13, lines 62-64; col. 14, lines 9-11: portal content (i.e. module) usage monitored and tracked)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Schultz to monitor and track content object (i.e. module) usage (i.e. access, addition, removal) as taught by Flinn. One of

ordinary skill in the art would be motivated to employ Flinn in order to optimize retrieval and management of portal usage information. (see Flinn col. 1, lines 62-63: “ ... *need for an intelligent, adaptive method of organizing and retrieving information* ... ”)

Regarding Claim 4 (Currently Amended), Schultz discloses the system of claim 1 wherein:

the means for monitoring selection of a module further comprises:

- a.1) means for detecting accessing of a module by a user; (see Schultz col. 4, lines 44-45: server processes client requests; col. 3, lines 30-34: user interface used to access information)
- a.2) means for detecting movement of a module in the portal by a user. (see Schultz col. 6, lines 63-64: move information source, delete then re-create a channel)

Regarding Claims 5, 15, Schultz discloses the system of claim 4, 14 wherein the retrieved information includes at least one of a number of unique users of the particular module, a number of users adding the particular module to the portal and a number of users removing the particular module from the portal. Schultz discloses a portal server system providing client access to a plurality of information sources. (see Schultz col. 1, lines 46-51; col. 6, lines 63-64: portal server system) Schultz does disclose monitoring and tracking the number of accesses of the particular module. However, Flinn discloses the system of claim 4, 14 wherein the retrieved information includes the number of accesses of the particular module. (see Flinn col. 3, lines 38-41; col. 8, lines 23-28; col.

13, lines 62-64; col. 14, lines 9-11: portal content (i.e. module) usage monitored and tracked)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Schultz to monitor and track content object (i.e. module) usage as taught by Flinn. One of ordinary skill in the art would be motivated to employ Flinn in order to optimize retrieval and management of portal usage information. (see Flinn col. 1, lines 62-63)

Regarding Claims 6, 19, Schultz discloses the system of claim 1, 9 wherein the means for retrieving information for a particular module comprises means for selecting an appropriate command in the particular module. (see Schultz col. 6, lines 53-55: call or command for processing of information)

Regarding Claim 7, Schultz discloses the system of claim 1 wherein the means for collecting information on a user includes means for extracting data from a user profile of a user. (see Schultz col. 12, lines 22-29: extract user information from profile)

Regarding Claim 8, Schultz discloses the system of claim 1 further comprising means for retrieving information from the database for all modules of the plurality of modules. (see Schultz col. 9, lines 15-20: retrieve information from repository or database which contains all information sources)

It would have been obvious to one of ordinary skill in the art at the time the

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invention was made to modify Schultz to monitor and track content object (i.e. module) usage as taught by Flinn. One of ordinary skill in the art would be motivated to employ Flinn in order to optimize retrieval and management of portal usage information. (see Flinn col. 1, lines 62-63)

Regarding Claims 9, 17, Schultz discloses the system of claims 1, 11 wherein each module of the plurality of modules is written in Java Server Pages. (see Schultz col. 3, lines 34-37: Java Server Pages, applets processed by server)

Regarding Claim 11 (Currently Amended), Schultz discloses a computer program product embodied on a computer readable medium and executable by a computer for tracking and displaying usage of components of a computer network portal customizable by each user, the computer program product comprising:

- c) a database to store the collected information for each component of the computer network portal; (see Schultz col. 1, lines 56-63; col. 9, lines 15-20: repository or database for information storage)
- d) means for retrieving information for a particular component from the database on a request from a user; (see Schultz col. 3, lines 30-34) and
- e) means for displaying the retrieved information to a user. (see Schultz col. 2, lines 57-61: display information using data entry device or client user interface)

Schultz does not specifically disclose the capability to detect access, addition, deletion of a module by a user. However, Flinn discloses:

a) means for monitoring selection of a component of a computer network portal by a user, wherein the means for monitoring further comprises means for detecting addition of a module to the portal by a user and means for detecting removal of a module from the portal by a user; (see Flinn col. 13, lines 2-7; col. 3, lines 38-41: portal, module technology ; col. 8, lines 23-28; col. 13, lines 62-64; col. 14, lines 9-11: (i.e. module) usage monitored and tracked ; col. 13, lines 27-39: user capability for addition/removal of portal module, actions (i.e. addition, deletion) cascaded (i.e. information forwarded, enable detection) throughout content network ; col. 8, lines 16-22: transaction log tracks (i.e. storage, retrieval) module information)

b) means for collecting information on a user selecting a component of the computer network portal; (see Flinn col. 3, lines 38-41; col. 8, lines 23-28; col. 13, lines 62-64; col. 14, lines 9-11: portal content (i.e. module) usage monitored and tracked)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Schultz to monitor and track content object (i.e. module) usage (i.e. access, addition, removal) as taught by Flinn. One of ordinary skill in the art would be motivated to employ Flinn in order to optimize retrieval and management of portal usage information. (see Flinn col. 1, lines 62-63)

Regarding Claim 14 (Currently Amended), Schultz discloses the computer program

product of claim 11 wherein the means for monitoring selection of a component further comprises:

- b) means for detecting movement of a component in the computer network portal by a user. (see Schultz col. 6, lines 63-64: move information source, delete then re-create a channel) and

Flinn discloses:

- a) means for detecting accessing of a component by a user; (see Flinn col. 3, lines 38-41; col. 8, lines 23-28; col. 13, lines 62-64; col. 14, lines 9-11: portal content (i.e. module) usage monitored and tracked)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Schultz to monitor and track content object (i.e. module) usage (i.e. access, addition, removal) as taught by Flinn. One of ordinary skill in the art would be motivated to employ Flinn in order to optimize retrieval and management of portal usage information. (see Flinn col. 1, lines 62-63)

Regarding Claim 16, Schultz discloses the computer program product of claim 11 wherein the means for collecting information on a user includes means for detecting data relating to a user each time a user selects a component of the computer network portal. (see Schultz col. 12, lines 22-29: collect user information from profile)

Regarding Claim 20, Schultz discloses a method for tracking and displaying module usage in a portal for a computer network, the method comprising the steps of:

- a) providing a portal having a plurality of modules, wherein the portal being customizable by each user of the portal; (see Schultz col. 1, lines 48-51: present a plurality of information sources ; col. 3, lines 19-23: information organized into channels)
- b) monitoring selection of a module of the plurality of modules by a user; (see Schultz col. 4, lines 44-45: server monitors requests input using user interface; col. 3, lines 30-34: user selects data from information sources)
- c) extracting data from a user profile of a user of the selected module of the plurality of modules; (see Schultz col. 12, lines 22-29: extract user information from profile)
- f) retrieving information on a particular module from the database based on a criterion designated by a user, wherein the criterion is one of a community, a browser, a country, an index page, a location, a manager and an operating system; and displaying the retrieved information to a user on a computer, wherein the retrieved information includes at least one of a number of unique users of the particular module, a number of accesses of the particular module, a number of users adding the particular module to the portal and a number of users removing the particular module from the portal. (see Schultz col. 3, lines 30-34: user retrieves information; col. 15, lines 40-40: access information for a channel)
- d) Flinn discloses collecting information on a user selecting a module of the plurality of modules; (see Flinn col. 3, lines 38-41; col. 8, lines 23-28; col. 13, lines 62-64; col. 14, lines 9-11: portal content (i.e. module) usage monitored and tracked)

e) Flinn discloses storing the collected information for each module of the plurality of modules in a database; (see Flinn col. 3, lines 38-41; col. 8, lines 23-28; col. 13, lines 62-64; col. 14, lines 9-11: portal content (i.e. module) usage monitored and tracked)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Schultz to monitor and track content object (i.e. module) usage (i.e. access) as taught by Flinn. One of ordinary skill in the art would be motivated to employ Flinn in order to optimize the retrieval and management of portal usage information. (see Flinn col. 1, lines 62-63)

5. Claims 10, 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Schultz-Flinn** and further in view of **Pasquali (US 6,272,493)**.

Schultz discloses a portal server system providing client access to a plurality of information sources. (see Schultz col. 1, lines 46-51: “... *a system and method is described for presenting data from a plurality of sources to a user ... a plurality of information sources, a user interface, content storage and a server connected to the user interface and the content storage...*”)

Regarding Claims 10, 18, Schultz does not specifically disclose an electronic data network utilizing Intranet techniques. However Pasquali discloses the system of claims 1 wherein the server computer and the client computer are connected by an Intranet. (see Pasquali col. 23, lines 6-12) Intranets are a standard network configuration to

construct a protected network environment for an enterprise or corporation.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Schultz to utilize intranet technology as taught by Pasquali. One of ordinary skill in the art would be motivated to enhance Schultz in order to strengthen security for network data processing techniques. (see Pasquali col. 3, lines 54-57: “ ... *providing access to network content ... enhance network (world wide web--WWW) use ...* ”; col. 4, lines 16-20: “ ... *a server system that is configured to serve a software system and associated content via an electronic data network such as the Internet ...* ”)

6. Claims 2, 3, 12, 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Schultz-Flinn** and further in view of **Beck et al. (US 6,381,640)**.

Regarding Claims 2, 12, Schultz does not disclose a sort process for a portal type system based on input parameters. However Beck discloses the system of claims 1, 11 wherein the means for retrieving information for a particular module comprises means for sorting the stored information for the particular module based on a criterion designated by a user. (see Beck col. 52, lines 7-9: sort information based on input parameter) Sort techniques are standard practices to order information before presentation on display devices for user inspection.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Schultz to utilize sort technology to process information

as taught by Beck. One of ordinary skill in the art would be motivated to enhance Schultz in order to strengthen data processing techniques. (see Beck col. 1, lines 14-18: “... in the field of telecommunication encompassing all existing sorts ... methods and apparatus for personalizing and presenting workload assignments to agents ...”; col. 42, lines 56-59: “... organize the secondary interactions according to identification parameters, add a time stamp, and sort according to chronological order ...”)

Regarding Claims 3, 13, Schultz does not disclose a sort process for a portal type system. However Beck discloses the system of claims 2, 12 wherein the criterion is one of a community of a user, a browser of a user, a country of a user, an index page of a user, a location of a user, a manager of a user and an operating system of a user. (see Beck col. 42, lines 56-59: sort based on identification parameters such as community of user)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Schultz to utilize sort technology to process information as taught by Beck. One of ordinary skill in the art would be motivated to enhance Schultz in order to strengthen data processing techniques.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kyung H. Shin whose telephone number is (571) 272-3920. The examiner can normally be reached on 9 am - 7 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

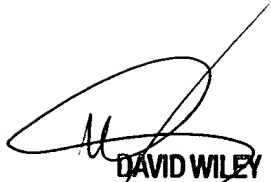
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Patent Examiner
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